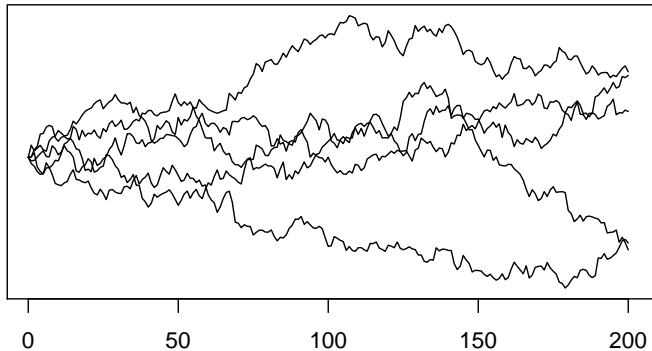
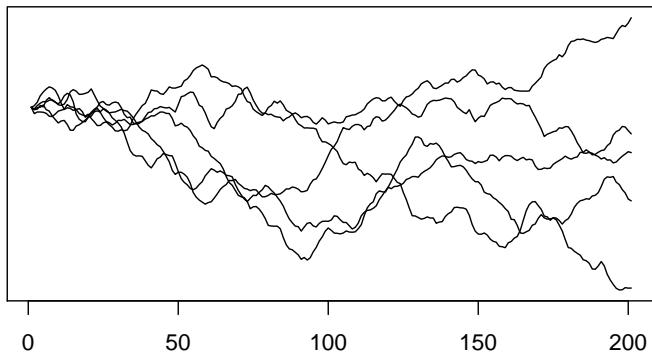


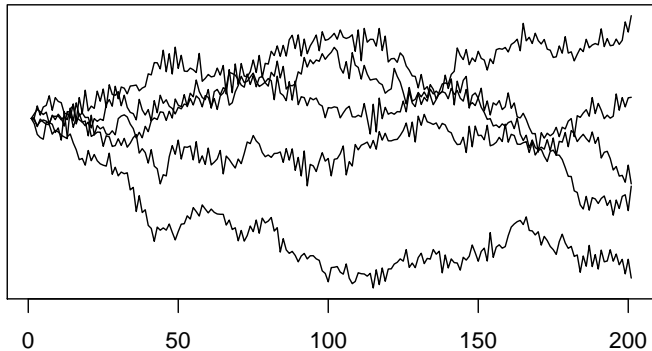
## Realizations of $\text{ARIMA}(0,1,0)$ = Random Walk



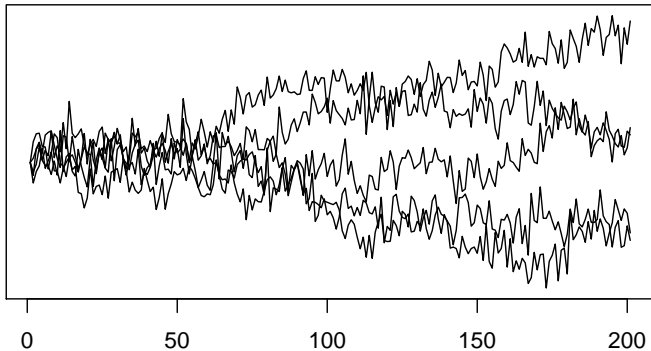
## Realizations of ARIMA(1,1,0) with $\phi_1=.6$



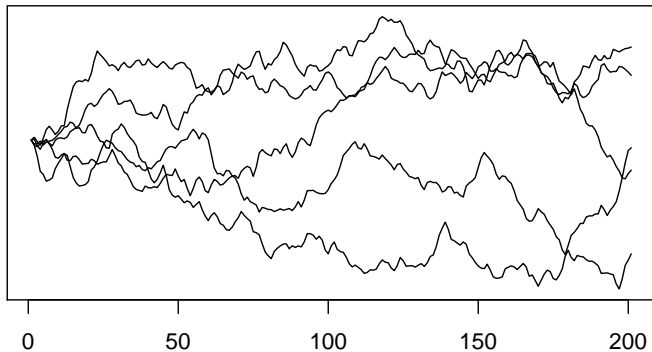
## Realizations of ARIMA(1,1,0) with $\phi_1 = -0.6$



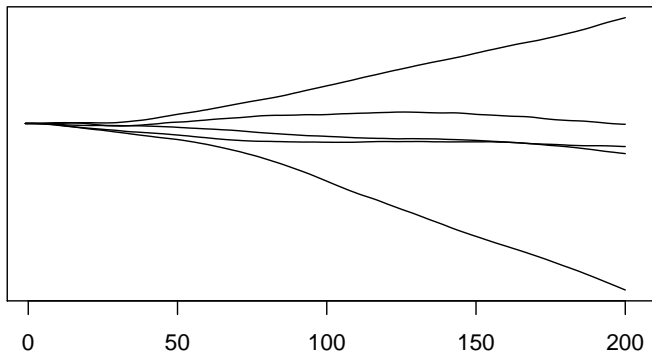
## Realizations of ARIMA(0,1,1) with $\theta_1 = 0.6$



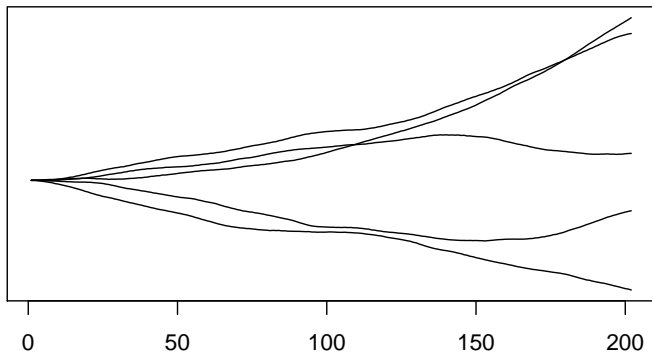
## Realizations of ARIMA(0,1,1) with $\theta_1 = -0.6$



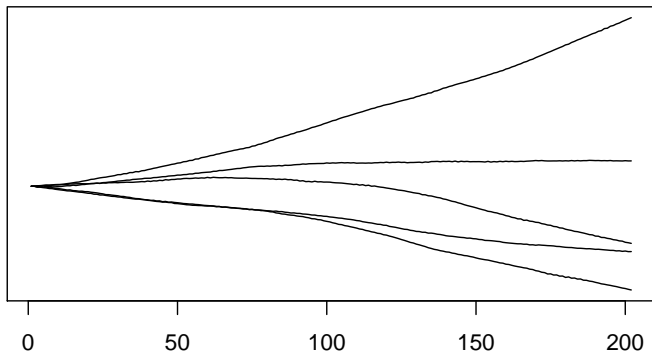
## Realizations of ARIMA(0,2,0)



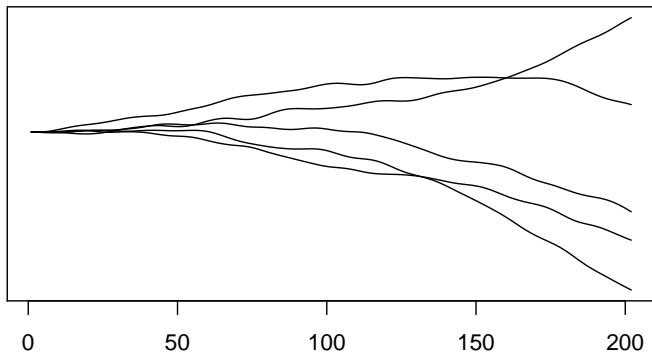
## Realizations of ARIMA(1,2,0) with $\phi_1 = -0.8$



**ARIMA(1,2,1) with  $\phi_1 = -0.8$ ,  $\theta_1 = 0.7$**



**ARIMA(2,2,0) with  $\phi_1 = 1.8$ ,  $\phi_2 = -0.9$**



**ARIMA(1,1,0) with  $\phi_1=.6$  and  $C > 0$**

